This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Liver cancer	Hepatocyte nuclear factor 4 α (HNF4A; TCF); microRNA-124 (miR-124)	<p>Mouse and patient sample studies suggest increasing signaling in the HNF4A-miR-124 pathway could help treat hepatocellular carcinoma (HCC). In humans, HCC tissue had lower levels of HNF4A and its downstream effector miR-124 than normal liver tissue. In a mouse model of HCC, systemic treatment with miR-124 prevented tumor growth compared with control miRNA treatment. Next steps include evaluating miR-124 delivery in additional mouse liver cancer models.</p> <p><i>SciBX</i> 4(48); doi:10.1038/scibx.2011.1352 Published online Dec. 15, 2011</p>	Unpatented; unavailable for licensing	<p>Hatziapostolou, M. <i>et al. Cell</i>; published online Dec. 9, 2011; doi:10.1016/j.cell.2011.10.043 Contact: Dimitrios Iliopoulos, Dana-Farber Cancer Institute, Boston, Mass. e-mail: dimitrios_iliopoulos@dfci.harvard.edu</p>